

2020	Local Oscillator	March
	<h1>Local Oscillator</h1>	
Mesilla Valley Radio Club		

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Current Events			Table of Contents
Date	Event	Time	
Sat	Informal at Cracker Barrel	6:00 AM	Contest Programs Board Minutes
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
Tue	Informal Breakfast	Denny's 3901 Bataan Memorial West	
March 5	Board Meeting Club House	7 PM	
March 7	General Meeting Club House	7 PM	
March 21	MVRC VHF Contest	8 AM –8 PM	
March 3	Builder's Group Club House	7 PM	
March 10	Builder's Group Club House	7 PM	
March 17	Builder's Group Club House	7 PM	
March 24	Builder's Group	7 PM	



### NM QSO Party

## The Articles for This Month

### MVRC VHF Contest

A local operating contest will be proposed at the coming general meeting. If it is approved, complete details will appear in the next Local Oscillator and be discussed in the March general meeting. And here are the complete details (on the next page). The contest will start March 21 at 8 AM and will finish at 8 PM the same day local time. Also here is a log template for use in reporting your results. Make as many copies as necessary.

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## MVRC VHF Contest – A local VHF operating contest

Goal: To make as many complete contacts on VHF as possible

Purpose: To increase activity on local repeaters and VHF frequencies. And to provide contest practice for the NM QSO party in April

### RULES

Exchange call signs with as many hams as possible on some combination of the following bands and modes

Bands: - 6m, 2m, 220, 440

Modes: - Repeaters, FM, SSB, CW

Any unique combination of call, band, and mode will count as a contact

Scoring: Each contact will count 1 point with one of the following multipliers

Repeater	1
FM direct	2
SSB	3
CW	4

The contest will take part on March 21 from 8 AM to 8PM local time.

Logs should be mailed to

MVRC  
Box 1443  
Las Cruces, NM 88004

within 7 days or brought to the April Club meeting.

#### Notes:

If one of the operators reverses the repeater pair so that the repeater is not used, it will count as an FM contact

El Paso has a number of repeaters and hams. Contacts with them, or elsewhere, count

Schedules are encouraged. Suggested times : SSB on the hour, CW on the half hour.

Audio cw (code practice equipment, whistling, etc) on SSB or FM counts as CW.

Rules and report forms will be available in the Local Oscillator and on the N5BL web site

Any questions can be e-mailed to K5XY at [aburr@aol.com](mailto:aburr@aol.com) or by telephone at 522-2528.

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## Log of Contacts on the MVRC VHF Contest

Call: \_\_\_\_\_

Name: \_\_\_\_\_

## Total Points for the whole contest

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## MVRC Programs

W6VJT

We had an informative presentation by Furman Smith at the February meeting about SSB Single Side Band radio communications. Here is a paragraph about the summary of his presentation.

Single side band is the subtractive product of a full AM signal. The full signal has 3 distinct parts. The Carrier and 2 sidebands, one upper and the other lower. Single sideband electronically strips off the opposite sideband as well as the carrier. The energy of the whole thing is made available to the remaining sideband. The receiver hears that sideband and turns it into the audio or digital signal we "hear" This is pretty much over simplified, if you have questions ask Furman to address them for you

My job is to ask beg and arm twist potential speakers to provide a 20 to 40 minute presentation about something they are interested in, this can be a subject that they feel confident in talking about, it can be a subject that you want to become confident in, or a project that you are having fun with. It can be anything that is remotely related to Ham Radio.

I have the following list of subjects that members would be interested in. At the bottom is a list of a few subjects that someone has volunteered to presents this year.

I am also looking for 3 presentations for our Ham Fest/swap meet (aka Bean feed)

### Subjects that people are interested in:

Satellite tracking

Antenna & tower safety and installation

Proper Mobil radio installation

Setting up a ham radio station

How to measure RRF output with an oscilloscope

Discussion of DMR

Discussion of FT8 and friends

Mobile HF Antennas

Modifying Crystal Frequency

Putting connectors on Coax

CW

C4FM, DMR, D-STAR

APRS

Speech annunciation

How to get started

Beginners practice in CW

Set up for digital modes

Comparison of antennas

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## MVRC Board meeting minutes 03-05-2020

Sven called the meeting to order at 7 pm

Present were: Steve, Pat, Sven, Charles, Furman, Bob, George, Alex and kyle

Alex presented draft rules for the March vhf/uhf contest. After discussion the board on a motion and second unanimously approved them. They will be presented to the members on Saturday.

The board tabled the proposed change allowing for non in person board meetings .

Steve brought up documentation of the Bob Bennett equipment arrangements. Discussion followed and it was generally agreed to continue discussion after more information was available.

Furman and Steve explained the banks incorrect bouncing of a \$5.97 check to walmart. Officers will follow up on the banks promise to make it good

Scholarship funds were brought up by Steve who will get more information and the board will revisit this issue

Furman and Bob brought up the Bob Bennett equipment on Furman's trailer, in the shed and building. Furman will bring a trailer of items Saturday for purchase by members. The shed is too full to display or sell items and many items are separated from their manuals, auxiliary equipment and power supplies

George brought up the potential for the Bataan event to be canceled because of corona virus spread.

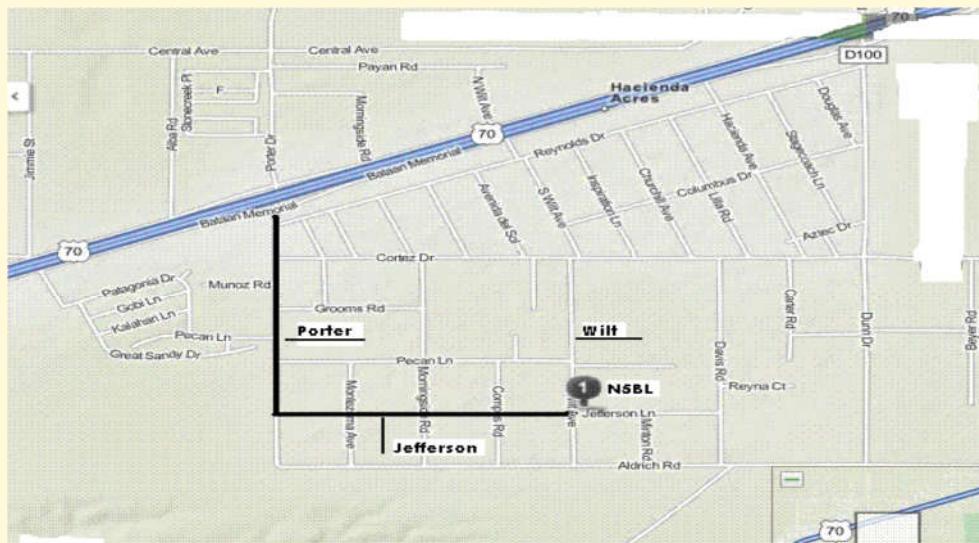
Sven adjourned the meeting at 9 pm

secretary

ky2le

## CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



### Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	635-0414	<a href="mailto:k5shb.ham@gmail.com">k5shb.ham@gmail.com</a>
Secretary	Kyle Gesswein	KY2LE	640-5301	<a href="mailto:kgesswein@comcast.net">kgesswein@comcast.net</a>
Treasurer	Steve Barkes	KG5RRX	640-2686	<a href="mailto:steve.barkes@gmail.com">steve.barkes@gmail.com</a>
Board Members				
Education	Patrick Chambers	W6VJT	619-249-5616	<a href="mailto:w6vjt@comcast.net">w6vjt@comcast.net</a>
Clubhouse	Lloyd Naylor	N5MSZ	373-1028	<a href="mailto:lloyd88012@yahoo.com">lloyd88012@yahoo.com</a>
Newsletter	Alex. Burr	K5XY	522-2528	<a href="mailto:k5xy@arrl.net">k5xy@arrl.net</a>
Repeater	Robert Truitt	KE5OFK	649-4173	<a href="mailto:robbtruitt@zianet.com">robbtruitt@zianet.com</a>
Commo	George Kopp	KD5OHA	649-9503	<a href="mailto:geokd5oha@yahoo.com">geokd5oha@yahoo.com</a>
Special	Rob Rover	KB6DYM	303-717-4874	<a href="mailto:rb.rover@gmail.com">rb.rover@gmail.com</a>
IT	Charles Combs	KG5BVE	649-1071	<a href="mailto:kg5bve@gmail.com">kg5bve@gmail.com</a>

### JOIN THE MESILLA VALLEY RADIO CLUB

Name(s) \_\_\_\_\_

EMAIL \_\_\_\_\_

*If you want confirmation that your payment was received and processed, please include your email address*

Street Address \_\_\_\_\_ PO Box# \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **"Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004"** with annual dues (\$35 single, \$45 family)

Date: \_\_\_\_\_ Method of payment: Check No. \_\_\_\_\_ Other \_\_\_\_\_

Call Sign(S) \_\_\_\_\_ Family Membership Yes \_\_\_\_\_ No \_\_\_\_\_

License Class (E, A, G, T, N) \_\_\_\_\_ ARRL Member? (Y/N) \_\_\_\_\_

Are You a ARRL Volunteer Examiner (Y/N) \_\_\_\_\_

Would you like to be added to the MVRC reflector (email information system)? \_\_\_\_\_

#### Interests

Computer \_\_\_\_\_ Contests \_\_\_\_\_ Digital \_\_\_\_\_ Elmer \_\_\_\_\_ Emergency Communications \_\_\_\_\_

Field Day \_\_\_\_\_ Packet \_\_\_\_\_ Programs \_\_\_\_\_ Public Service \_\_\_\_\_ Publicity \_\_\_\_\_ RFI \_\_\_\_\_

Repeater \_\_\_\_\_ Social \_\_\_\_\_ License Classes \_\_\_\_\_ Teach Licensing Classes \_\_\_\_\_

Volunteer Examiner \_\_\_\_\_ QRSS \_\_\_\_\_ Other \_\_\_\_\_

#### Comments